Abstract of the Disclosure

An integrated food process system has a several cells, each having a track forming a horizontal circuit or pathway for a series of product-carrying trays to travel in laps around. The cells afford stacking together in vertically-stacked combinations, multi-variously as desired, to form a tower. The enclosed centers of the cells cooperatively define a hollow core for the tower, which provides space for a drive system that motivates the trays in laps around the tracks, after which the trays are tipped to dump their contents into a corresponding tray in a lower level. There are an assortment of delivery systems for associating with one or more of the cells in order to allow a variety of tower constructions, any one of which can process an infeed of food product through a sequence of operations including combinations of any of cooking, pre-dusting, batter application, breading, frying, freezing, and/or packaging.